Notice of Allowability	Application No.	Applicant(s)	
	09/759,945	COMBS ET AL.	
	Examiner	Art Unit	
	Romain Jeanty	3623	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *6/20/05 and 10/17/05*.

2. ☒ The allowed claim(s) is/are *1-6,8,9,11-17,19-21,23-25,27-29,32-39,41-43,46,47,49-51,54 and 55*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Romain Jeanty
Primary Examiner
Art Unit: 3623

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Claim 1:

Line 16, after "provider," please insert -- and wherein the service provider selector is configured to query a selected service provider for a current geographic position, to identify a geographic position using Global Positioning System (GPS) data for said building system, to compare said geographic position of said selected service provider to said geographic position of said building system, said comparison indicating how close said selected service provider is to said building system, and to repeat said steps of querying and comparing to determine whether said selected service provider is traveling toward or away from said building system, how fast said selected service provider is traveling toward or away from said building system, and, based on whether said selected service provider is traveling toward or away from said building site and how fast said selected service provider is traveling toward or away from said building system, to determine when said selected service provider should arrive at said building system --.

Claim 3:

Line 12, after "system," please insert --, and wherein the service provider selector is configured to query a selected service provider for a current geographic position, to identify a geographic position using Global Positioning System (GPS) data for said building system, to compare said geographic position of said selected service provider to said geographic position of said building system, said comparison indicating how close said selected service provider is to said building system, and to repeat said steps of querying and comparing to determine whether said selected service provider is traveling toward or away from said building system, how fast said selected service provider is traveling toward or away from said building system, and, based on whether said selected service provider is traveling toward or away from said building system

and how fast said selected service provider is traveling toward or away from said building system, to determine when said selected service provider should arrive at said building system--.

Claim 4:

Line 3, after "provider", please insert --using Global Positioning System (GPS) data --.

Claim 12:

Line 10, after "notification" please insert -- querying said selected service provider for a current geographic position, identifying a geographic position using Global Positioning System (GPS) data for said building site, comparing said current geographic position of said selected service provider to said geographic position of said building site, and repeating said steps of querying and comparing, wherein said repeated querying and comparing can indicate whether said selected service provider is traveling toward or away from said building site, how fast said selected service provider is traveling toward or away from said building site, and, based on whether said selected service provider is traveling toward or away from said building site and how fast said selected service provider is traveling toward or away from said building site, to determine when said selected service provider should arrive at said building site --.

Claim 19:

Line 1, please delete "18" and insert --12--.

Claim 25:

Line 1, please delete "22" and insert --12--.

Claim 32:

Line 3, after "data", please insert -- indicating a current geographic position of at least one service provider--.

Line 8, delete "and".

Line 10, after "responding,", please insert --querying said service provider for a current geographic position, identifying a geographic position using Global Positioning System (GPS)

data for said building site, comparing a current geographic location of a selected service provider to said geographic position of said building site, and repeating said steps of querying and comparing, wherein said repeated querying and comparing can indicate whether said selected service provider is traveling toward or away from said building site, how fast said selected service provider is traveling toward or away from said building site, and, based on whether said selected service provider is traveling toward or away from said building site and how fast said selected service provider is traveling toward or away from said building site, to determine when said selected service provider should arrive at said building site --.

Claim 34:

Line 10, delete "and".

Line 12, after "notification;", please insert --querying said selected service provider for a current geographic position, identifying a geographic position using Global Positioning System (GPS) data for said building site, comparing said current position of a selected service provider to said geographic position of said building site, and repeating said steps of querying and comparing, wherein said repeated querying and comparing can indicate whether said selected service provider is traveling toward or away from said building site, how fast said selected service provider is traveling toward or away from said building site, and, based on whether said selected service provider is traveling toward or away from said building site and how fast said selected service provider is traveling toward or away from said building site, to determine when said selected service provider should arrive at said building site --.

Claim 41:

Line 1, please delete "40" and insert --34--.

Claim 47:

Line 1, please delete "44" and insert --34--.

Claim 54:

Line 5, after "data", please insert -- indicating a current geographic position of at least one service provider--.

Line 11, delete "and".

Line 13, after "responding,", please insert --querying said service provider for a current geographic position, identifying a geographic position using Global Positioning System (GPS) data for said building site, comparing a current geographic location of a selected service provider to said geographic position of said building site, and repeating said steps of querying and comparing, wherein said repeated querying and comparing can indicate whether said selected service provider is traveling toward or away from said building site, how fast said selected service provider is traveling toward or away from said building site, and, based on whether said selected service provider is traveling toward or away from said building site and how fast said selected service provider is traveling toward or away from said building site, to determine when said selected service provider should arrive at said building site --.

Claims 7, 10, 18, 22, 26, 30-31, 40, 44-45, 48, and 52-53 are canceled.

Authorization for this examiner's amendment was given in a telephone interview with Richard A. Hinson on December 15, 2005.

Allowable Subject Matter

2. Claims 1-6, 8-9, 11-17, 19-21, 23-25, 27-29, 32-39, 41-43, 46-47, 49-51, and 54-55 are allowable

Reasons for Allowance

3. The following is an Examiner's statement of reasons for allowance:

The closest prior art is U.S. Patent No. 6,366,919 to O'Kane et al. O'Kane et al teach a service provider which includes a telecommunication site management system that automatically matches a site work request with a technician having appropriate skills. However, O'Kane et al fail to teach or suggest wherein the service provider selector is configured to query a selected service provider for a current geographic position, to identify a geographic position using Global Positioning System (GPS) data for said building system, to compare said geographic position of said selected service provider to said geographic position of said building system, said comparison indicating how close said selected service provider is to said building system, and to repeat said steps of querying and comparing to determine whether said selected service provider is traveling toward or away from said building system, how fast said selected service provider is traveling toward or away from said building system, and, based on whether said selected service provider is traveling toward or away from said building site and how fast said selected service provider is traveling toward or away from said building system, to determine when said selected service provider should arrive at said building system as recited in independent claim 1.

The closest prior art is U.S. Patent No. 6,366,919 to O'Kane et al. O'Kane et al teach a service provider which includes a telecommunication site management system that automatically matches a site work request with a technician having appropriate skills. However, O'Kane et al fail to teach or suggest wherein the service provider selector is configured to query a selected service provider for a current geographic position, to identify a geographic position

using GPS (Global Positioning System) for said building system, to compare said geographic position of said selected service provider to said geographic position of said building system, said comparison indicating how close said selected service provider is to said building system, and to repeat said steps of querying and comparing to determine whether said selected service provider is traveling toward or away from said building system, how fast said selected service provider is traveling toward or away from said building system, and, based on whether said selected service provider is traveling toward or away from said building system and how fast said selected service provider is traveling toward or away from said building system, to determine when said selected service provider should arrive at said building system as recited in independent claim 3.

The closest prior art is U.S. Patent No. 6,366,919 to O'Kane et al. O'Kane et al teach a service provider which includes a telecommunication site management system that automatically matches a site work request with a technician having appropriate skills. However, O'Kane et al fail to teach or suggest querying said selected service provider for a current geographic position, identifying a geographic position using GPS (Global Positioning System) for said building site, comparing said current geographic position of said selected service provider to said geographic position of said building site, and repeating said steps of querying and comparing, wherein said repeated querying and comparing can indicate whether said selected service provider is traveling toward or away from said building site, how fast said selected service provider is traveling toward or away from said building site, and, based on whether said selected service provider is traveling toward or away from said building site and how fast said selected service provider is traveling toward or away from said building site, to

determine when said selected service provider should arrive at said building site as recited in independent claim 12.

The closest prior art is U.S. Patent No. 6,366,919 to O'Kane et al. O'Kane et al teach a service provider which includes a telecommunication site management system that automatically matches a site work request with a technician having appropriate skills. However, O'Kane et al fail to teach or suggest querying said service provider for a current geographic position, identifying a geographic position for said building site, comparing a current geographic location of a selected service provider to said geographic position of said building site, and repeating said steps of querying and comparing, wherein said repeated querying and comparing can indicate whether said selected service provider is traveling toward or away from said building site, how fast said selected service provider is traveling toward or away from said building site, and, based on whether said selected service provider is traveling toward or away from said building site and how fast said selected service provider is traveling toward or away from said building site, to determine when said selected service provider should arrive at said building site as recited in independent claim 32.

The closest prior art is U.S. Patent No. 6,366,919 to O'Kane et al. O'Kane et al teach a service provider which includes a telecommunication site management system that automatically matches a site work request with a technician having appropriate skills. However, O'Kane et al fail to teach or suggest querying said selected service provider for a current geographic position, identifying a geographic position for said building site, comparing said current position of a selected service provider to said geographic position of said building site, and repeating said steps of querying and comparing, wherein said repeated querying and

comparing can indicate whether said selected service provider is traveling toward or away from said building site, how fast said selected service provider is traveling toward or away from said building site, and, based on whether said selected service provider is traveling toward or away from said building site and how fast said selected service provider is traveling toward or away from said building site, to determine when said selected service provider should arrive at said building site as recited in independent claim 34.

The closest prior art is U.S. Patent No. 6,366,919 to O'Kane et al. O'Kane et al teach a service provider which includes a telecommunication site management system that automatically matches a site work request with a technician having appropriate skills. However, O'Kane et al fail to teach or suggest querying said service provider for a current geographic position, identifying a geographic position for said building site, comparing a current geographic location of a selected service provider to said geographic position of said building site, and repeating said steps of querying and comparing, wherein said repeated querying and comparing can indicate whether said selected service provider is traveling toward or away from said building site, how fast said selected service provider is traveling toward or away from said building site, and, based on whether said selected service provider is traveling toward or away from said building site and how fast said selected service provider is traveling toward or away from said building site, to determine when said selected service provider should arrive at said building site as recited in independent claim 54.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a. Dialog (SnapTrack and US West Wireless demonstrate location technology created to meet phase II requirements of the FCC's enhanced 911 mandate) discloses a GPS system for tracking the location of a person from a building site.

b. Kuperberg (Cooper Square uses technology to enhance residential management) discloses a maintenance tracking system.

c. Gentry "Preventive monitoring: constant monitoring of buildings as they age, with fiber-optic sensors and computers, can extend their life and lower their cost) teaches a system for constant monitoring of a building site.

d. Dialog (Peregrine Systems Introduces Fully Integrated Solution for Facilities Management) discloses a system for detecting problems in a building.

e. Hasegawa (JP411335020A) discloses a remote monitoring system for monitoring a building site.

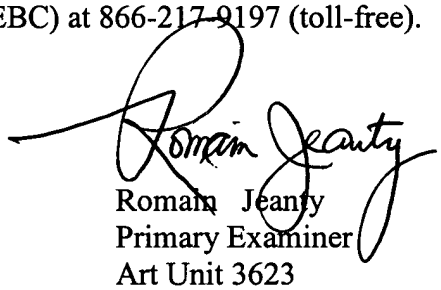
f. Hasegawa (JP411335021A) discloses a system for monitoring a building site.

g. Sonomoto (JP02000348277) discloses a system for monitoring abnormalities that can occur in a device and notifying a maintenance engineer of the abnormalities.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Romain Jeanty whose telephone number is (571) 272-6732. The examiner can normally be reached on Mon-Thurs 7:30 am - 6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tariq R. Hafiz can be reached on (571) 272-6729. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Romain Jeanty
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Art Unit 3623